

## CLAIMS AMENDMENTS

Please amend the claims as follows:

1. (Currently Amended) An endovascular implant, having comprising:
  - a a tubular main body, having open ~~on its front sides,~~ and comprising made of at least one biodegradable material, the main body having a location-dependent first degradation characteristic  $D_1(x)$  in vivo; and
  - b a coating, which ~~completely or possibly at least only~~ partially covers the main body, the coating comprising made of at least one biodegradable material, the coating having a location-dependent second degradation characteristic  $D_2(x)$  in vivo, and
  - wherein a location-dependent cumulative degradation characteristic  $D(x)$  results at a location  $(x)$  from the sum of the particular existing degradation characteristics  $D_1(x)$  and  $D_2(x)$  existing at the cited location  $(x)$  and the location-dependent cumulative degradation characteristic  $D(x)$  is predefined by variation of the second degradation characteristic  $D_2(x)$  in such way that the degradation at the cited location  $(x)$  of the implant occurs in a predefinable time interval having a predefinable degradation curve.
2. (Currently Amended) The implant ~~according to~~ of Claim 1, ~~characterized in that wherein~~ the degradation characteristic  $D_2(x)$  of the coating is provided by varying its morphological structure, material modification of the material, ~~and/or~~ adapting a layer thickness of the coating.
3. (Currently Amended) The implant ~~according to~~ of Claims 1 ~~or 2~~, ~~characterized in that wherein~~ the degradation characteristic  $D_2(x)$  of the coating is predefined as a function of the pathophysiological conditions to be expected in application.
4. (Currently Amended) The implant ~~according to~~ of Claims 1 ~~or 2~~, ~~characterized in that wherein~~ the degradation characteristic  $D_2(x)$  of the coating is predefined as a function of the rheological conditions to be expected in application.
5. (New) The implant of Claim 2, wherein the degradation characteristic  $D_2(x)$  of the coating is predefined as a function of the pathophysiological conditions to be expected in application.

6. (New) The implant of Claim 2, wherein the degradation characteristic  $D_2(x)$  of the coating is predefined as a function of the pathophysiological conditions to be expected in application.